

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Appl. No. : 10/576,402

Applicant : Masatsugu NAKAMURA et al.

Filed : April 20, 2006

For : THERAPEUTIC AGENT FOR
KERACONJUNCTIVAL DISORDER

Docket No. : 06276/HG

Customer No.: 01933

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

MAIL STOP PCT

S I R :

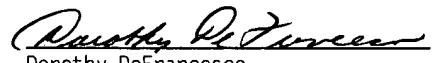
This application is a United States national phase
application Under 35 USC 371 of International application
PCT/JP2004/016460.

Submitted herewith are the following:

- (1) A copy of the International European Search Report (in English) for PCT/JP2004/016460;
- (2) Copies of the publications cited in the aforesaid International Search Report;
- (3) Copies of publications disclosed on page 2 of the specification; and
- (4) Forms PTO/SB/08A and PTO/SB/08B.

JP 2002-515874 is identified in the enclosed International

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I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 with sufficient postage on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450


Dorothy DeFrancesco

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by a Form PTO 2038 attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper to Account No. 06-1378.

Search Report and is also discussed on page 2 of the specification.

Each of the publications cited in said International Search Report is considered relevant or material to the patentability of the present invention in view of the citation thereof in said Search Report.

The enclosed International Search Report is in English, thereby satisfying the requirements for a concise explanation of relevance for the publications cited therein.

It is respectfully requested that the Examiner return initialed copies of the attached Forms PTO/SB/08A and PTO/SB/08B to confirm that the publications listed therein have been considered and made of record

Respectfully submitted,

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Enclosures: (1) Copy of International Search Report for PCT/JP2004/016460
(2) Forms PTO/SB/08A and PTO/SB/08B
(3) Copies of the publications cited in said Forms PTO/SB/08A and PTO/SB/08B

Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/576,402
				Filing Date	April 20, 2006
				First Named Inventor	M. NAKAMURA
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	06276/HG

U.S. PATENT DOCUMENTS

Exam. Inits*	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
		5,885,997	A	LOHRAY et al.	03-23-1999	
		6,780,992	B2	LOHRAY et al.	08-24-2004	
		6,573,268	B1	LOHRAY et al.	06-03-2003	
		5,447,946	A	KURONU et al.	09-05-1995	

FOREIGN PATENT DOCUMENTS

Exam Inits*	Cite No ¹	Offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
		JP	2002-515874	A	DR. REDDY'S RESEARCH FOUNDATION	05-28-2002		a
		WO	97/41097	A	DR. REDDY'S RESEARCH FOUNDATION	11-06-1997		
		JP	8-231549	A	SANWA KAGAKU KENKYUSHO CO.	09-10-1996		b
		JP	11-130675	A	SANTEN PHARMACEUTICAL et al	05-18-1999		b
		JP	3-72227	B2	SANWA KAGAKU KENKYUSHO CO.	11-18-1991		c
		JP	2003-509503	A	BRISTOL-MEYERS SQUIBB	03-11-2003		d
		WO	01/021602	A1	BRISTOL-MEYERS SQUIBB	03-29-2001		
		JP	2002-255854	A	SANKYO CO. LTD.	09-11-2002		b

Examiner Signature	Date Considered
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* EXAMINER: Initial if document considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Place a check here if English translation is attached.

DATE MAILED: August 10, 2006

- a) WO97/41097A2; USP 5,885,997; USP 6,780,992; and USP 6,573,268 are family members of JP 2002-515874
- b) English language abstract enclosed
- c) English language abstract enclosed for JP 63-057588 which is the unexamined publication number for JP 3-72227; USP 5,447,946 is a related family member of JP3-72227
- d) WO 01/021602 is a related family member of JP 2003-509503

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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		First Named Inventor	M. NAKAMURA		
		Group Art Unit			
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	06276/HG

OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		<p>Hisashi HOSOYA (Hisashi HOSOTANI), "Tonyobyosei Kakumakusho", "Diabetic Keratopathy", <u>The Journal of the Eye</u>, 1996, 13(6), pages 845 to 851.</p> <p>Kazuko KAMEYAMA, "Tonyobyo Gappeisho to Shiteno Ganbyohen", <u>Clinics & Drug Therapy</u>, 2002, 21(11), pages 1089 to 1092</p> <p>Yasuichiro CHIKAMA, "Hen'ensei Kakumaku Johi Kasson", "Diagnosis and Medical Treatment for Persistent Epithelial Defect", <u>Ganka</u>, 2001, 43, pages 1625 to 1631</p> <p><u>Japanese Review of Clinical Ophthalmology</u>, 46, 738-743 (1992)</p> <p>Chikako KATAKAMI, "A New Treatment for Corneal Epithelial Defects Using Fibronectin, EGF and Hyaluronic Acid", <u>Ophthalmic Surgery</u>, 5, 719-727 (1992)</p>	

Examiner Signature

Date Considered

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